Makoto Kuwata-Gonokami

List of Publications by Year
in descending order

279 papers	9,538 citations	34105 52 h-index	45317 90 g-index
281 all docs	281 docs citations	281 times ranked	8644 citing authors

#	Article	IF	Citations
1	Suitability of metallic materials for constructing metal-coated dielectric terahertz waveguides. Journal of Applied Physics, 2022, 131, .	2.5	4
2	Creating a noninteracting Bose gas in equilibrium at finite temperature. Physical Review A, 2022, 105, .	2.5	1
3	Direct writing of optical waveguides in fused silica by the fundamental beam of an Yb:KGW femtosecond laser. OSA Continuum, 2021, 4, 1000.	1.8	0
4	Observation of harmonic beams inside a Kerr lens mode-locked thin-disk ring laser oscillator beyond a repetition rate of 10â€...MHz. OSA Continuum, 2021, 4, 1099.	1.8	3
5	Direct correlation of local fluence to single-pulse ultrashort laser ablated morphology. Communications Materials, 2021, 2, .	6.9	12
6	Theoretical Analysis and Experimental Demonstration of a Chirped Pulse-Train Generator and its Potential for Efficient Cooling of Positronium. Physical Review Applied, 2021, 16, .	3.8	4
7	Development of a model for evaluating propagation loss of metal-coated dielectric terahertz waveguides. Journal of Applied Physics, 2021, 130, .	2.5	5
8	Physical model for evaluating propagation loss of metal-coated dielectric terahertz waveguides. , 2021, , .		0
9	Large diameter millimeter-wave low-pass filter made of alumina with laser ablated anti-reflection coating. Optics Express, 2021, 29, 41745.	3.4	12
10	Opening a new route to multiport coherent XUV sources via intracavity high-order harmonic generation. Light: Science and Applications, 2020, 9, 168.	16.6	25
11	Circularly polarized vacuum ultraviolet coherent light generation using a square lattice photonic crystal nanomembrane. Optica, 2020, 7, 855.	9.3	6
12	Spectrally selective modulation of terahertz radiation beams. Quantum Electronics, 2020, 50, 1029-1033.	1.0	1
13	Geometrical analysis of Kerr-lens mode-locking for high-peak-power ultrafast oscillators. Japanese Journal of Applied Physics, 2020, 59, 062002.	1.5	3
14	Tunable and nonlinear metamaterials for controlling circular polarization. Journal of Applied Physics, 2020, 127, 230902.	2.5	16
15	Updated Design of the CMB Polarization Experiment Satellite LiteBIRD. Journal of Low Temperature Physics, 2020, 199, 1107-1117.	1.4	64
16	Tunable third harmonic generation in the vacuum ultraviolet region using dielectric nanomembranes. APL Photonics, 2020, 5, 066103.	5.7	12
17	Broadband, millimeter-wave anti-reflective structures on sapphire ablated with femto-second laser. Journal of Applied Physics, 2020, 128, 225302.	2.5	12
18	Mechanical Large Deformation 3D Chiral THz Metamaterial. , 2020, , .		1

#	Article	IF	Citations
19	MHz-Repetition-Rate Yb:YAG Thin-Disk Ring Oscillator Pumped by 969nm Zero-Phonon-Line for Intra-Cavity High Harmonic Generation. , 2020, , .		0
20	Observation of Luminescence Dynamics of Plasma Excited by Femtosecond Laser Ablation of Copper. , 2020, , .		0
21	Measurement of complex refractive index with tunable extreme ultraviolet high harmonic source. Optics Express, 2020, 28, 15148.	3.4	2
22	Tunable Third Harmonic Vacuum Ultraviolet Coherent Light Generation Using Dielectric Nanomembranes. , 2020, , .		0
23	Development of a Sub-microsecond Broadband Pulsed Laser for Cooling Positronium. , 2020, , .		0
24	Broadband Anti-Reflection Moth-Eye Structures Realized in the Above 1 THz Region by Laser Processing. , 2020, , .		0
25	Terahertz Polarizer Fabricated by 3D Printing Technology. , 2020, , .		0
26	Material evaluation for inner metallic coating of hollow dielectric THz waveguides. , 2020, , .		1
27	Observation of ultrahigh mobility excitons in a strain field by space- and time-resolved spectroscopy at subkelvin temperatures. Physical Review B, 2019, 100, .	3.2	4
28	Dynamical Critical Behavior of an Attractive Bose-Einstein Condensate Phase Transition. Physical Review Letters, 2019, 122, 040406.	7.8	4
29	Effect of damage incubation in the laser grooving of sapphire. Journal of Applied Physics, 2019, 125, .	2.5	6
30	Coherent Detection of Terahertz Radiation with Graphene. ACS Photonics, 2019, 6, 1780-1788.	6.6	13
31	Gigahertz-repetition-rate, narrowband-deep-ultraviolet light source for minimization of acquisition time in high-resolution angle-resolved photoemission spectroscopy. Review of Scientific Instruments, 2019, 90, 123109.	1.3	0
32	Cold atom quantum simulator for dilute neutron matter. International Journal of Modern Physics E, 2019, 28, 1930001.	1.0	18
33	Terahertz broadband anti-reflection moth-eye structures fabricated by femtosecond laser processing. OSA Continuum, 2019, 2, 2764.	1.8	19
34	Ultrafast zero-bias photocurrent and terahertz emission in hybrid perovskites. Communications Physics, 2018, 1, .	5.3	32
35	Femtosecond activation of magnetoelectricity. Nature Physics, 2018, 14, 370-374.	16.7	35
36	Efficient high harmonics generation by enhancement cavity driven with a post-compressed FCPA laser at 10 MHz. High Power Laser Science and Engineering, 2018, 6, .	4.6	5

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37	Ring and unimodal angular-frequency distribution of THz emission from two-color femtosecond plasma spark. Optics Express, 2018, 26, 18202.	3.4	20
38	Time-dependent Hartree-Fock study of electron-hole interaction effects on high-order harmonic generation from periodic crystals. Physical Review A, 2018, 98, .	2.5	27
39	Two-Color Plasma Terahertz Far-Field Angular Distribution Conversion By Focal Length Variation. , 2018, , .		0
40	Real-time broadband terahertz spectroscopic imaging by using a high-sensitivity terahertz camera. Scientific Reports, 2017, 7, 42540.	3.3	40
41	3D printed 1.1 THz waveguides. Electronics Letters, 2017, 53, 471-473.	1.0	50
42	All-optical production of dual Boseâ€"Einstein condensates of paired fermions and bosons with⁶Li and⁷Li. Journal of Physics B: Atomic, Molecular and Optical Physics, 2017, 50, 01LT01.	1.5	17
43	The 2017 terahertz science and technology roadmap. Journal Physics D: Applied Physics, 2017, 50, 043001.	2.8	1,160
44	Trajectory analysis of high-order-harmonic generation from periodic crystals. Physical Review A, 2017, 95, .	2.5	106
45	Backward Terahertz Radiation from a Two-Color Femtosecond Laser Filament. JETP Letters, 2017, 106, 706-708.	1.4	13
46	Photoexcited Carrier Dynamics in InAs, GaAs, and InSb Probed by Terahertz Excitation Spectroscopy. Physical Review Applied, 2017, 7, .	3.8	7
47	Ground-State Thermodynamic Quantities of Homogeneous Spin- <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mn>1</mml:mn><mml:mo stretchy="false">/</mml:mo><mml:mn>2</mml:mn></mml:math> Fermions from the BCS Region to the Unitarity Limit. Physical Review X, 2017, 7, .	8.9	42
48	Appropriate Probe Condition for Absorption Imaging of Ultracold ⁶Li Atoms. Journal of the Physical Society of Japan, 2017, 86, 104301.	1.6	10
49	The OVAL experiment: a new experiment to measure vacuum magnetic birefringence using high repetition pulsed magnets. European Physical Journal D, 2017, 71, 1.	1.3	38
50	Extended solid-state three-step model for high-harmonic generation from periodic crystals. , 2017, , .		0
51	3D terahertz beam profiling from two color laser induced plasma with different focusing. EPJ Web of Conferences, 2017, 149, 05011.	0.3	1
52	Multi-port Intra-Cavity High Harmonic Generation in a Yb:YAG Thin Disk Mode-Locked Oscillator with MHz Repetition Rate. , 2017, , .		3
53	Observation of Rare Gas Flames Inside a Kerr Lens Mode-locked Thin-disk Ring Oscillator. , 2017, , .		1
54	High-Density Excitons in Semiconductors. , 2016, , .		0

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55	Study on cooling of positronium for Boseâ€"Einstein condensation. Journal of Physics B: Atomic, Molecular and Optical Physics, 2016, 49, 104001.	1.5	19
56	Control of antiferromagnetic domain distribution via polarization-dependent optical annealing. Nature Communications, 2016, 7, 10720.	12.8	17
57	High-Sensitivity and Broadband, Real-Time Terahertz Camera Incorporating a Micro-Bolometer Array<?Pub _newline ?>With Resonant Cavity Structure. IEEE Transactions on Terahertz Science and Technology, 2016, 6, 175-182.	3.1	42
58	Chiral Switchable THz Metamaterial with MEMS Reconfigurable Spirals. , 2016, , .		0
59	Towards a Pulse Energy of 100 Î¼J Inside a Kerr Lens Mode-locked Thin-disk Ring Oscillator. , 2016, , .		0
60	Absorption imaging of trapped<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:mn>1</mml:mn><mml:mi>s</mml:mi></mml:mrow></mml:n in bulk<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"><mml:mrow><mml:msub><mml:mi>Cu</mml:mi><mml:mn>2</mml:mn></mml: mathvariant="normal">O</mml:mi></mml:mrow></mml:math>. Physical Review B, 2015, 91, .	3.2	4
61	Momentum-dependent sign inversion of orbital order in superconducting FeSe. Physical Review B, 2015, 92, .	3.2	113
62	Development of an ultrafast thin-disk ring oscillator with an intra-cavity average power higher than 1 kW. , 2015, , .		0
63	Kerr lens mode-locked Yb:Lu2O3bulk ceramic oscillator pumped by a multimode laser diode. Japanese Journal of Applied Physics, 2015, 54, 072703.	1.5	16
64	Polarization control of quantum dot emission by chiral photonic crystal slabs. Optics Letters, 2015, 40, 1528.	3.3	28
65	High average power coherent vuv generation at 10 MHz repetition frequency by intracavity high harmonic generation. Optics Express, 2015, 23, 15107.	3.4	49
66	Enantiomeric switching of chiral metamaterial for terahertz polarization modulation employing vertically deformable MEMS spirals. Nature Communications, 2015, 6, 8422.	12.8	224
67	Coherent Control Over Two-Dimensional Lattice Vibrational Trajectories in Î±-Quartz Using Polarization Pulse Shaping. Springer Proceedings in Physics, 2015, , 206-209.	0.2	0
68	Photon-drag-induced terahertz emission from graphene. Physical Review B, 2014, 90, .	3.2	59
69	Yb:YAG thin disk mode-locked oscillator with high pulse energy for intra-cavity high harmonic generation. , 2014, , .		1
70	Self-assembly and plasmon-enhanced ultrafast magnetization of Agâ€"Co hybrid nanoparticles. Optical Materials Express, 2014, 4, 1564.	3.0	7
71	Highly precise and accurate terahertz polarization measurements based on electro-optic sampling with polarization modulation of probe pulses. Optics Express, 2014, 22, 17915.	3.4	41
72	Lifting ofxz/yzorbital degeneracy at the structural transition in detwinned FeSe. Physical Review B, 2014, 90, .	3.2	200

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73	Polarization-Controlled Circular Second-Harmonic Generation from Metal Hole Arrays with Threefold Rotational Symmetry. Physical Review Letters, 2014, 112, 135502.	7.8	107
74	Tunable metamaterials by controlling sub-micron gap for the THz range. , 2014, , .		2
75	Selective generation of ultracold high-density 1s orthoexcitons in Cu_2O with phase-modulated pulse using acousto-optic programmable filter. Optics Express, 2014, 22, 3261.	3.4	3
76	All-photoinduced terahertz optical activity. Optics Letters, 2014, 39, 3274.	3.3	41
77	Femtosecond laser pulses in a Kerr lens mode-locked thin-disk ring oscillator with an intra-cavity peak power beyond 100 MW. Japanese Journal of Applied Physics, 2014, 53, 082701.	1.5	21
78	Generation of broadband terahertz vortex beams. Optics Letters, 2014, 39, 3714.	3.3	70
79	Build-up dynamics of degenerate excitons luminescence at sub-K temperature in a trap in cuprous oxide. , 2014, , .		0
80	Emission of quantum dots from waveguides with chiral spatially-modulated upper part. , 2014, , .		0
81	Review: Controlling circularly-polarized emission and second-harmonic generation with artificial nanostructures. , 2014, , .		0
82	All-optical control of ultrafast photocurrents in unbiased graphene. Scientific Reports, 2014, 4, 4007.	3.3	45
83	Coherent control over two-dimensional lattice vibrational trajectories in Î±-quartz using polarization pulse shaping. , 2014, , .		1
84	Mid-infrared absorption imaging of trapped paraexcitons in cuprous oxide. , 2014, , .		0
85	Terahertz polarization pulse shaping with arbitrary field control. Nature Photonics, 2013, 7, 724-731.	31.4	120
86	Generation of ultracold paraexcitons in cuprous oxide: A path toward a stable Bose-Einstein condensate. Physical Review B, 2013, 88, .	3.2	27
87	Spiral metamaterial for active tuning of optical activity. Applied Physics Letters, 2013, 102, .	3.3	61
88	All-optical control of photon drag current in graphene. , 2013, , .		0
89	Spiral metamaterial for tunable circular dichroism. , 2013, , .		1
90	Efficient coupling of propagating broadband terahertz radial beams to metal wires. Optics Express, 2013, 21, 10642.	3.4	33

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91	Stochastically sustained population oscillations in high-Î² nanolasers. New Journal of Physics, 2013, 15, 033039.	2.9	31
92	Microscopic origin of magnetic linear dichroism in the antiferromagnetic insulator MnF2. Physical Review B, 2013, 87, .	3.2	1
93	Selection rules for angular momentum transfer via impulsive stimulated Raman scattering. Physical Review A, 2013, 87, .	2.5	9
94	Orientation of jet-cooled polar molecules with an intense single-cycle THz pulse. Physical Review A, 2013, 88, .	2.5	30
95	High-power, narrow-width, high-repetition-rate, 5.9 eV light source using a passive optical cavity for laser-based photoelectron spectroscopy. , 2013, , .		0
96	Observation of Excitonic<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>N</mml:mi></mml:math>-Body Bound States: Polyexcitons in Diamond. Physical Review Letters, 2013, 111, 026402.	7.8	28
97	Efficient coupling of broadband terahertz radial beams to metal wires. , 2013, , .		0
98	Generation of broadband terahertz Laguerre-Gaussian beam. , 2013, , .		1
99	Resonant creation of indirect excitons in diamond at the phonon-assisted absorption edge. Europhysics Letters, 2013, 104, 47012.	2.0	10
100	Realization of sub-100 mK excitons in cuprous oxide for a stable Bose-Einstein condensate. , 2013, , .		0
101	Relaxation explosion of a quantum degenerate exciton gas in Cu2O. New Journal of Physics, 2012, 14, 055024.	2.9	10
102	Dynamics of photo-induced terahertz optical activity in metal chiral gratings. Optics Letters, 2012, 37, 3510.	3.3	13
103	High-power, narrow-band, high-repetition-rate, 59 eV coherent light source using passive optical cavity for laser-based angle-resolved photoelectron spectroscopy. Optics Express, 2012, 20, 23542.	3.4	9
104	Surface-plasmon enhanced optical activity in two-dimensional metal chiral networks. Optics Letters, 2012, 37, 4446.	3.3	8
105	Terahertz vector beam generation using segmented nonlinear optical crystals with threefold rotational symmetry. Optics Express, 2012, 20, 21896.	3.4	65
106	Publisher's Note: Fast periodic modulations in the photon correlation of single-mode vertical-cavity surface-emitting lasers [Phys. Rev. A85, 053811 (2012)]. Physical Review A, 2012, 85, .	2.5	1
107	Terahertz optical activity by photo-carriers with chiral pattern. , 2012, , .		0
108	Terahertz Spectroscopy: Ellipsometry and Active Polarization Control of Terahertz Waves. Springer Series in Optical Sciences, 2012, , 273-299.	0.7	1

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109	Fast periodic modulations in the photon correlation of single-mode vertical-cavity surface-emitting lasers. Physical Review A, 2012, 85, .	2.5	24
110	Circularly Polarized Light Emission from Semiconductor Planar Chiral Nanostructures. Physical Review Letters, 2011, 106, 057402.	7.8	147
111	Causality-based method for determining the time origin in terahertz emission spectroscopy. Optics Express, 2011, 19, 12759.	3.4	11
112	Control of magnetic dipole terahertz radiation by cavity-based phase modulation. Optics Express, 2011, 19, 22550.	3.4	21
113	The vectorial control of magnetization by light. Nature Communications, 2011, 2, 362.	12.8	130
114	Transition to a Boseâ€"Einstein condensate and relaxation explosion of excitons at sub-Kelvin temperatures. Nature Communications, 2011, 2, .	12.8	88
115	Selection Rules for Light-Induced Magnetization of a Crystal with Threefold Symmetry: The Case of Antiferromagnetic NiO. Physical Review Letters, 2011, 106, 047401.	7.8	67
116	Optical control of magnetization by linearly polarized laser pulses in a crystal with three-fold symmetry. , 2011, , .		0
117	High-Density Excitons in Semiconductors. , 2011, , 213-255.		4
118	Optical manipulation of magnetization vector in multidimensional space. , 2011, , .		0
119	Enhancement of coherent magnetic dipole radiation by cavity effect in the terahertz regime. , 2011, , .		0
120	Selection Rules for Light-Induced Magnetization through Stimulated Raman Process. , 2011, , .		0
121	Publisher's Note: Quantum inelastic collisions between paraexcitons in<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mtext>Cu</mml:mtext></mml:mrow><mml:mn>2</mml:mn></mml:msu Rev. B82, 041201(R) (2010)]. Physical Review B, 2010, 82, .	3.2	0
122	Quantum inelastic collisions between paraexcitons inCu2O. Physical Review B, 2010, 82, .	3.2	30
123	Determination of the time origin by â€˜the maximum entropy method in â€˜time-domain terahertz emission spectroscopy. Optics Express, 2010, 18, 15853.	3.4	15
124	Self-compensation of third-order dispersion for ultrashort pulse generation demonstrated in an Yb fiber oscillator. Optics Letters, 2010, 35, 3868.	3.3	15
125	Transient Bloch oscillation with the symmetry-governed phase in semiconductor superlattices. Physical Review B, 2010, 81, .	3.2	23
126	Density-dependent exciton kinetics in synthetic diamond crystals. Physical Review B, 2009, 80, .	3.2	21

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127	Giant optical activity of planar chiral nanostructures and circularly-polarized light emission. , 2009, , .		0
128	Terahertz dynamics of Bloch oscillations in semiconductor superlattices. , 2009, , .		0
129	Optical activity in metal and dielectric planar chiral gratings. Proceedings of SPIE, 2009, , .	0.8	0
130	Light-induced terahertz optical activity. Optics Letters, 2009, 34, 3000.	3.3	51
131	Mechanism of the large polarization rotation effect in the all-dielectric artificially chiral nanogratings. Optics Express, 2009, 17, 688.	3.4	16
132	Formation control of electron-hole droplets in diamond by a weak pulse injection. Journal of Physics: Conference Series, 2009, 148, 012051.	0.4	2
133	Active Control of Terahertz Optical Activity by Photo-Excitation of Metal Chiral Gratings. , 2009, , .		0
134	Uniaxial Stress Dependence of Yellow Series np Excitons in Cu2O. , 2009, , .		0
135	Carrier acceleration under very high fields in bulk GaAs investigated by timeâ€domain terahertz spectroscopy. Physica Status Solidi C: Current Topics in Solid State Physics, 2008, 5, 240-243.	0.8	2
136	Lowâ€temperature excitons produced by twoâ€photon excitation in highâ€purity diamond crystals. Physica Status Solidi (B): Basic Research, 2008, 245, 2676-2679.	1.5	21
137	Experimental realization of all-dielectric planar chiral metamaterials with large optical activity in direct transmission. Thin Solid Films, 2008, 516, 8745-8748.	1.8	21
138	Observation of Bogoliubov excitations in exciton-polariton condensates. Nature Physics, 2008, 4, 700-705.	16.7	245
139	Observation of extraordinary optical activity in planar chiral photonic crystals. Optics Express, 2008, 16, 7189.	3.4	53
140	Enhanced optical activity in metal and dielectric chiral nanograting structures. , 2008, , .		0
141	Enhancement of terahertz optical activity with photo-excitation in metal chiral gratings. , 2008, , .		0
142	Nanosized crystallites of charge-transfer complex of 9-methylanthracene and 1,2,4,5-tetracyanobenzene for bright and optically anisotropic fluorescent probes. Applied Physics Letters, 2008, 92, 113305.	3.3	11
143	A high density effect on exciton luminescence in a ZnO/ZnMgO single quantum well. , 2008, , .		0
144	Coherent Quantum Control of Excitons at Ultracold and High Density inCu2Owith Phase Manipulated Pulses. Physical Review Letters, 2008, 100, 233001.	7.8	19

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145	Power dissipation spectra and terahertz intervalley transfer gain in bulk GaAs under high electric fields. Applied Physics Letters, 2008, 93, 232102.	3.3	11
146	Critical Temperature and Condensate Fraction of a Fermion Pair Condensate. Physical Review Letters, 2008, 101, 180406.	7.8	41
147	Collisional Properties of<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mi>p</mml:mi></mml:math>-Wave Feshbach Molecules. Physical Review Letters, 2008, 101, 100401.	7.8	91
148	Enhanced optical activity of a Terahertz wave with complimentary double-layered metal chiral gratings. , 2008, , .		0
149	Laser based continuous-wave excitonic Lyman spectroscopy of spin-forbidden excitons in Cu<inf>2</inf>O. , 2007, , .		0
150	Laser based continuous-wave excitonic Lyman spectroscopy of spin-forbidden excitons in Cu2O. , 2007, , .		0
151	Laser-based continuous-wave excitonic Lyman spectroscopy inCu2O. Physical Review B, 2007, 76, .	3.2	18
152	Experimental investigation of polaron effects inGa1âˆ’xMnxAsby time-resolved and continuous-wave midinfrared spectroscopy. Physical Review B, 2007, 76, .	3.2	8
153	Effect of surface plasmon polaritons on optical activity in chiral metal nanogratings. , 2007, , .		0
154	Suppressed formation of electron-hole droplets in diamond under a strain field. Physical Review B, 2007, 76, .	3.2	16
155	Enhanced polarization effects on quasi-two-dimensional metal chiral nanogratings. , 2007, , .		0
156	Effect of surface plasmon resonance on the optical activity of chiral metal nanogratings. Optics Express, 2007, 15, 9575.	3.4	62
157	Terahertz wave polarization rotation with double layered metal grating of complimentary chiral patterns. Optics Express, 2007, 15, 11117.	3.4	118
158	CHIRALITY-INDUCED POLARITON COUPLING IN METAL NANOGRATINGS. , 2007, , .		0
159	Efficient dispersion relations for terahertz spectroscopy. Applied Physics Letters, 2006, 89, 142903.	3.3	10
160	Two-photon coherent control of dark orthoexcitons in Cu2O. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 2465-2468.	0.8	0
161	Magnetization-induced terahertz radiation from GaMnAs. Physica Status Solidi C: Current Topics in Solid State Physics, 2006, 3, 4271-4274.	0.8	0
162	Reflection-type pulsed terahertz imaging with a phase-retrieval algorithm. Applied Physics Letters, 2006, 88, 041114.	3.3	15

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163	Dynamics of cold excitons in Cu<inf>2</inf>O by time-resolved Lyman spectroscopy. , 2006, , .		0
164	Magnetization-induced terahertz emission from GaMnAs. , 2006, , .		0
165	Collisions between supercooled excitons inCu2Ostudied by time-resolved Lyman spectroscopy. Physical Review B, 2006, 74, .	3.2	17
166	Dark excitons inCu2Ocrystals for two-photon coherence storage in semiconductors. Physical Review B, 2006, 73, .	3.2	17
167	Terahertz radiation emission from GaMnAs. Applied Physics Letters, 2006, 88, 221110.	3.3	20
168	Photon manipulation with resonantly coupled microspheres. The Review of Laser Engineering, 2006, 34, S51-S52.	0.0	0
169	The Optical Atomic Clockâ€…â€"â€…Towards a Redefinition of the Second. JPSJ News and Comments, 2006, 3, 060.	1	0
170	Maximum Entropy Method for Misplacement Phase Error Correction in Terahertz Time-Domain Reflection Spectroscopy. Springer Series in Chemical Physics, 2005, , 735-737.	0.2	0
171	Observation of ortho and para-excitons by time-resolved excitonic Lyman spectroscopy. Solid State Communications, 2005, 134, 127-133.	1.9	6
172	Optical activity in chiral gold nanogratings. Microelectronic Engineering, 2005, 78-79, 448-451.	2.4	15
173	Time-resolved mid-infrared spectroscopy of excitons in Cu2O. Springer Series in Chemical Physics, 2005, , 266-268.	0.2	0
174	Long dephasing time of dark orthoexcitons in Cu/sub 2/O. , 2005, , .		0
175	Testing the validity of terahertz reflection spectra by dispersion relations. Physical Review B, 2005, 72, .	3.2	13
176	Detection and correction of the misplacement error in terahertz spectroscopy by application of singly subtractive Kramers-Kronig relations. Physical Review B, 2005, 72, .	3.2	35
177	Heavy Photon States in Photonic Chains of Resonantly Coupled Cavities with Supermonodispersive Microspheres. Physical Review Letters, 2005, 94, 203905.	7.8	108
178	Formation and decay of electron-hole droplets in diamond. Physical Review B, 2005, 71, .	3.2	18
179	Study of Orthoexciton-to-Paraexciton Conversion inCu2Oby Excitonic Lyman Spectroscopy. Physical Review Letters, 2005, 94, 016403.	7.8	57
180	The Yellow Excitonic Series of Cu2O Revisited by Lyman Spectroscopy. Journal of the Physical Society of Japan, 2005, 74, 1423-1426.	1.6	29

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181	Terahertz emission from ferromagnetic GaMnAs. , 2005, , .		0
182	Reflection-type THz imaging with a phase-retrieval algorithm. , 2005, , .		0
183	Giant Optical Activity in Quasi-Two-Dimensional Planar Nanostructures. Physical Review Letters, 2005, 95, 227401.	7.8	522
184	2Î¼m lasing from highly thulium doped tellurite glass microsphere. Applied Physics Letters, 2005, 87, 211118.	3.3	56
185	Dynamical Stark effect of excitons in Cu2O by resonant pulsed excitation of the 1s-2p transition. Springer Series in Chemical Physics, 2005, , 275-277.	0.2	0
186	Numerical phase correction method for terahertz time-domain reflection spectroscopy. Journal of Applied Physics, 2004, 96, 4171-4175.	2.5	72
187	Time-resolved Excitonic Lyman Spectroscopy of Cu2O. Journal of the Physical Society of Japan, 2004, 73, 1065-1069.	1.6	46
188	Terahertz time domain magneto-optical ellipsometry in reflection geometry. Physical Review B, 2004, 70, .	3.2	48
189	Nonlinearity of biexciton waves in CuCl. Journal of Physics Condensed Matter, 2004, 16, S3721-S3726.	1.8	3
190	Material and light-pulse parameter dependence of the nonlinear optical susceptibilities in the coherent Ï‡^(3) regime in semiconductor quantum wells. Journal of the Optical Society of America B: Optical Physics, 2004, 21, 2164.	2.1	5
191	Biexcitonic effects in the time integrated four-wave mixing with picosecond pulses. Solid State Communications, 2003, 127, 197-201.	1.9	1
192	Phase diagram of the quantum degenerate electronâ€“hole system in diamond. Physica Status Solidi (B): Basic Research, 2003, 238, 509-512.	1.5	34
193	Photoinduced spin dynamics inLa0.6Sr0.4MnO3observed by time-resolved magneto-optical Kerr spectroscopy. Physical Review B, 2003, 68, .	3.2	64
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